## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS | ID NO.  | DATE     |  |  |  |  |  |
|---------------------------|----------|---------|----------|--|--|--|--|--|
| FEE DETERMINATION         | 24 17    |         | /2 2/    |  |  |  |  |  |
| O.I.P.E. CLASSIFIER       | 10       |         | 20       |  |  |  |  |  |
| FORMALITY REVIEW          | 10       | the 190 | 2000000  |  |  |  |  |  |
| RESPONSE FORMALITY REVIEW | nel      | 1030    | 10-04-01 |  |  |  |  |  |
|                           |          | 1000    | 10-34-0: |  |  |  |  |  |

## INDEX OF CLAIMS

| • | Rejected                   | N | Non-elected  |
|---|----------------------------|---|--------------|
| = | Allowed                    |   | Interference |
| _ | (Through numeral) Canceled |   | Appeal       |
| ÷ | Restricted                 |   | Objected     |

| :        | `<br>[_       |          |           |          |          |                    |           | ÷        | ••••     | •••••    | ••••      | •••••        | ••••       | •••••    | Res      | tric      | ted       |           |          |              | (            | ) .      | •••••    | ••••         | •••••          |          |    | Ob         | ject      | eđ           |              |              |           |          |              |              |              |          |
|----------|---------------|----------|-----------|----------|----------|--------------------|-----------|----------|----------|----------|-----------|--------------|------------|----------|----------|-----------|-----------|-----------|----------|--------------|--------------|----------|----------|--------------|----------------|----------|----|------------|-----------|--------------|--------------|--------------|-----------|----------|--------------|--------------|--------------|----------|
|          | C             | àir      |           | ·        |          | _                  | C         | Date     |          |          |           |              | Ctaim Date |          |          |           |           |           |          |              |              |          |          |              | Claim Date     |          |    |            |           |              |              |              |           |          |              |              |              |          |
| Ĭ        | 1_            | 150,000  | 2624      | 9        |          |                    |           |          |          | T        | T         | T            |            |          |          | _         |           |           | Τ        | T            | Τ            | T        | T        | T            | T              |          | _  |            | Т         | T            | 7            | 7            | Jate      | <u>'</u> | $\neg$       | 7            |              | _        |
|          | Fig           | į        | 2/2       | ×        |          | 1                  |           | -        | 1        |          |           |              | 1          |          | Original |           |           |           |          |              |              |          | -        |              |                |          | na | Original   |           | -            |              |              | -         |          |              |              |              |          |
|          |               | C        | 刌.        | 1        | 1        | +                  | $\dagger$ | +        | +        | +        | +         | +-           | 1          | ۲        | 51       | $\vdash$  | _         | ┝         | ╁╌       | ╁            | +            | +        | +        | +            |                |          | ίΞ | 0<br>101   | +         | 4            | $\downarrow$ | 4            | 4         | _        | 4            | $\perp$      | $\perp$      |          |
|          | Ļ.            | D        | 2         | L        | Ţ        | $oldsymbol{\perp}$ | I         | I        | I        |          |           | Ĺ            | ]          |          | 52       |           | _         |           |          | +            | T            | +        | +        | +            | ┪              |          | _  | 102        | +         | +            | +            | +            | +         | +        | 4            | 4            | 4            |          |
|          | L             | S        | N.        | 4        | 1        | 4                  | $\perp$   | $\perp$  | $\perp$  | 1        | 1         | $\perp$      | 1          |          | 53       |           |           |           |          | Ι            |              | T        | T        | +            | $\top$         | İ        |    | 103        | +         | +            | +            | +            | ╅         | +        | +            | +            | $\dashv$     | -        |
|          | -             | Н        | Н         | +        | +        | +                  | +-        | +        | +        | +        | +         | 4-           | 4          | L        | 54       |           |           |           |          |              | Ι.           | I        | I        |              |                | Ì        |    | 104        | $\dagger$ | $\dagger$    | +            | +            | +         | +        | +            | +            | +            |          |
|          | H             | И        | 41        | ╁        | +        | +                  | ┿         | +        | +        | +        | +         | +            | 4          | -        | 55<br>56 | $\vdash$  | _         | L         | -        | -            | ╀            | 1        | $\perp$  | $\downarrow$ | 11             |          |    | 105        |           |              |              |              | 1         | 十        | +            | +            | +            | $\neg$   |
|          | Г             |          | 31        | Ť        | †        | $^{+}$             | $\top$    | +        | 十        | +        | +         | +            | $\dashv$   | $\vdash$ | 57       |           | _         | _         | -        | ┼-           | +            | ╁        | +        | +            | -              | -        |    | 106<br>107 | 4         | 4            | _            | 1            | I         | I        | I            | $\Box$       |              |          |
|          |               | C        | )V        |          |          | I                  |           | $\top$   | $\top$   | +        | $\dagger$ | $\top$       | 1          | $\vdash$ | 58       |           | ٦         | -         | -        | ┢            | ┢            | +        | +-       | +-           | +              | ŀ        |    | 108        | +         | +            | +            | 4            | 4         | +        | 4            | 4            | Ţ            | $\Box$   |
|          |               |          | }∨        | 1        | L        | I                  | $\perp$   | I        | I        | Ī        |           |              | ]          |          | 59       |           |           |           | -        | $\vdash$     | T            | +        | +-       | ╁╴           | $\dashv\dashv$ | }        |    | 109        | +         | +            | +            | +            | +         | +        | +            | 4            | 4            | 4        |
| 7        |               | W.       | 4         | 1        | ļ.       | $\perp$            | 1         | $\perp$  | $\perp$  |          |           |              | ]          |          | 60       |           |           |           |          |              | Τ            | 1        | †        | T            | $\top$         | t        |    | 10         | +         | +            | +            | +            | +         | +        | +            | +            | +            | !        |
|          |               | 12       |           | ╄        | +-       | +-                 | +-        | +        | $\perp$  | Ļ        | -         | 4.           | -          | L        | 61       |           | _]        |           |          |              |              |          | $\Gamma$ | I            |                |          |    | 111        | +         | $\dagger$    | ╁            | ╅            | $^{+}$    | +        | +            | +            | +            | 7        |
|          | $\vdash$      | 13       |           | ╁        | +        | ╁                  | ╁         | +        | ╁        | +-       | +         | +            | -          | <u> </u> | 62<br>63 | -         | _         | 4         | _        | L_           | L            | L        | $\perp$  | L            | $\square$      |          |    | 112        | I         | I            |              | $\top$       | †         | 1        | +            | +            | +            | $\dashv$ |
|          |               | 14       |           | ╁╴       | +-       | +-                 | +-        | +-       | ╁        | +        | +         | +            | -          | $\vdash$ | 64       |           | -         | $\dashv$  |          | ļ            | L            | L        | ╄        | ╀-           | 44             | L        |    | 113        | L         | I            | I            | I            | I         | I        |              |              | $\top$       | ٦        |
| ĺ        |               | 15       |           | T        | 1        | †                  | +         | Ť.       | +        | +        | ╁         | +-           | i          | $\vdash$ | 65       | $\dashv$  | ᅱ         | +         | -        | -            | H            | ⊬        | ╀        | ╁            | +              | -        |    | 114        | +         | $\downarrow$ | 4            | _            | 1         |          | I            | $\perp$      | I            |          |
|          |               | 16       |           | Г        |          |                    |           | Ť        | T        | 1        | +         | $^{\dagger}$ | 1          |          | 66       | +         | +         | 7         | -        | -            | -            | -        | -        | ╁            | +              | -        |    | 16         | +         | ╀            | +            | +            | $\perp$   | 4        | 4            | 4            | 4            | 4        |
|          |               | 17       | L         | L        | L        | L                  | L         | L        | I        |          |           |              | ]          |          | 67       | $\neg$    | 7         | 7         | ٦        |              |              | $\vdash$ | +        | ┢            | +              | -        |    | 17         | ╁         | +            | +            | +-           | ╁         | +-       | +            | +            | +            | 4        |
| ŀ        | _             | 18       | _         | L        | $\perp$  | ┡                  | ╄         | L        | Ļ        | 1        | _         |              | ]          |          | 68       | $\Box$    | I         |           |          |              |              | T        | 1        |              |                | r        |    | 18         | +         | +            | +            | +            | +         | +        | +            | +            | +            | $\dashv$ |
| 1        | $\rightarrow$ | 19<br>20 | -         | -        | ┼-       | ╀╌                 | ┼-        | ├-       | Ļ        | ╀        | 1         | ↓_           | [          | <u> </u> | 69       | _         | _         | $\perp$   |          |              |              |          |          |              |                |          | 1  | 19         | 1-        | $\dagger$    | †            | $^{\dagger}$ | $\dagger$ | +        | $\dagger$    | +            | +            | ┥        |
| -        |               | 21       | -         | <u> </u> | -        | ╀                  | ╄         | L        | ╙        | ┦_       | 1         | ↓            |            | L        | 70       | _ _       | $\perp$   | $\perp$   |          |              |              |          |          | Г            | П              |          | 1  | 20         | T         | T            | T            | T            | $\dagger$ | +        | $\dagger$    | $^{\dagger}$ | $\dagger$    | ٦        |
| ŀ        |               | 22       | Н         | -        | -        | ╁╌                 | ┢╌        | ╀        | ╄        | ╀        | +         | 1-           | ł          | $\vdash$ | 71       | -         | -         | 4         | 4        | _            |              |          |          |              |                |          |    | 21         |           |              | 1            | 1            | T         | +        | +            | +            | $^{\dagger}$ | $\dashv$ |
| -        | - 1           | 23       | 0         | -        | 1        | 1                  | - 1       | -        | -        | +        | ╁         | +-           | 1          | $\vdash$ | 72<br>73 | +         | +         | +         |          | _            | _            | _        | <u> </u> | L            | $\Box$         | L        |    | 22         | L         | Ľ            |              | Ι            |           | I        | I            |              | T            | ]        |
|          |               | 24       |           | Ŧ.,      | 140      | -                  | 12        | 1        | $\vdash$ | -        | +         | +            |            | -        | 74       | +         | +         | +         | -        | -            |              | -        |          | -            | $\vdash$       | -        |    | 23         | Ļ         | 1            | $\perp$      | $\perp$      | 1_        | $\perp$  | L            | 1            | I            | ]        |
| ÷[       |               | 25       |           |          | =        |                    |           |          | 1        |          | T         |              | 1          | <u> </u> | 75       | +         | +         | 十         | $\dashv$ | $\dashv$     |              |          | ├-       | -            | H              | -        |    | 24<br>25   | -         | ┼-           | ╀            | -            | 1         | ┼        | $\perp$      | +            | 4            | 4        |
| ŀ        |               | 26       |           |          |          |                    |           |          |          |          |           |              |            |          | 76       | $\top$    | +         | +         | $\dashv$ |              |              | -        | -        | -            | $\vdash$       | -        |    | 25<br>26   | ╁         | +            | ╁            | ╁╌           | +         | +        | +            | +            | +            | 4        |
| -        |               | 27<br>28 | _         | _        | _        | _                  | _         | L        | L        | L        |           | L            |            |          | 77       |           | I         | I         |          |              |              |          |          | $\vdash$     | П              | -        |    | 27         | ╁         | H            | +-           | ╁            | ╁         | +-       | ╁            | +            | +            | $\dashv$ |
| ŀ        |               | 29       | -         | _        | _        | -                  | <u> </u>  | <u> </u> | L        | <u> </u> | 1         | <u> </u>     |            | _        | 78       | _         | $\perp$   | 1         |          |              |              |          |          |              |                |          |    | 28         | T         | ✝            | +            | +            | †         | +        | +            | +            | Ť            | 7        |
| H        |               | 30       | ᆉ         | -        |          | -                  |           | -        | H        | -        | ⊢         | -            |            | <u> </u> | 79       | +         | +         | 4         | 4        | _            |              |          |          |              |                |          |    | 29         | I         |              |              |              |           | $\top$   | T            | 1            | $\dagger$    | ٦        |
| t        |               | 31       | +         | $\dashv$ | -        |                    |           | $\vdash$ | ┝        | -        | ├         | $\vdash$     |            | $\vdash$ | 80<br>81 | +         | +         | - -       | 4        | 4            | _            |          |          |              | Ш              | L        | _  | 30         |           |              |              |              |           |          | Ι            |              | Ι            |          |
|          | - 3           | 32       | 7         |          | -        | _                  |           |          | -        | -        | -         | -            |            | <u> </u> | 82       | +         | +         | +         | $\dashv$ | $\dashv$     |              | _        |          |              | $\vdash$       | -        |    | 31         | L         | L.           | L            | L            | L         |          | L            |              | $\perp$      | _        |
| Ĺ        |               | 33       |           |          |          |                    |           |          |          |          | $\vdash$  |              |            | $\vdash$ | 83       | +-        | +         | +         | +        | $\dashv$     |              | _        |          | _            |                | +        |    | 32<br>33   | -         | -            | ــ           | ┞-           | ┡         | ┼        | $\perp$      | $\perp$      | $\perp$      | 4        |
| L        |               | 34       | _         | _        |          |                    |           |          |          |          |           |              |            |          | 84       | $\top$    | 1         | $\dagger$ | +        | +            | -            | -        |          | -            | $\vdash$       | $\vdash$ |    | 34         | -         | -            | +            | ╁            | -         | ╀        | +            | +            | +            | 4        |
| $\perp$  |               | 35<br>36 | 4         |          |          |                    |           |          |          |          | L         |              |            |          | 85       |           |           |           |          |              |              |          |          | _            |                | -        | 13 |            | -         | H            | +            | -            | -         | ╫        | +            | ╁            | +            | $\dashv$ |
| -        |               | 37       | +         |          | -        | _                  |           | _        | _        | _        | _         |              |            |          | 86       |           | Ţ         | $\perp$   |          |              |              |          |          |              |                |          | 13 |            |           | r            | -            | $\vdash$     | 1         | +        | $^{\dagger}$ | +            | +            | -        |
| -        |               | 8        | +         | -+       | $\dashv$ | -                  |           | -        | -        |          | -         | -            |            |          | 87<br>88 |           | 1         | 4         | 4        | 4            | _            |          |          |              |                |          | 13 |            |           |              |              | Π            | İ         | $\top$   | Т            | $\top$       | T            | 7        |
| r        | _             | 9        | 7         | $\dashv$ | -        |                    |           | -        | -        |          | -         | $\vdash$     |            |          | 89       | +         | +         | +         | +        | 4            |              | _        | _        | _            | _              |          | 13 |            |           |              |              |              |           |          |              | L            | I            |          |
| T        | 4             | 0        | $\forall$ | ٦        |          | ┪                  |           | _        |          | -        | -         | Н            |            | _        | 90       | +-        | ╁         | +         | +        | +            | $\dashv$     |          | $\dashv$ |              |                | -        | 13 |            | _         | <u>_</u>     | L            | _            | _         | <u> </u> | L            | <u> </u>     | $\perp$      | 4        |
| Γ        | 4             | 11       | $\forall$ |          |          | $\neg$             |           | 7        | $\neg$   |          | -         | Н            |            |          | 91       | +         | +-        | +         | +        | +            | +            |          | $\dashv$ |              |                | -        | 14 |            | <u> </u>  | _            | _            | L            |           | ↓_       | L            | <u> </u>     | 1            | 4        |
|          |               | 2.       |           |          |          |                    |           | J        |          |          | _         | Н            |            |          | 92       | +         | +         | +-        | +        | +            | $\dashv$     | $\dashv$ | +        | -            | $\dashv$       | -        | 14 | _ !        |           |              | <u> </u>     |              | _         | <u> </u> | -            | -            | +            | 4        |
| L        | _             | 3        | $\perp$   | J        | I        | $\Box$             |           |          |          |          |           |              |            | _        | 93       | $\dagger$ | $\dagger$ | +         | +        | +            | +            |          | +        | +            | $\dashv$       | -        | 14 |            | -         |              | -            | -            | <u> </u>  | -        | -            | +            | +            | 4        |
| -        |               | 4        | 1         | 4        | 4        | _                  |           | _        | _        | $\Box$   |           |              | [          |          | 94       |           | Ι         |           | 1        | 7            | 7            | 7        | 7        | +            | $\dashv$       | -        | 14 | _          | $\dashv$  | _            |              |              |           | $\vdash$ | -            | +            | +            |          |
| $\vdash$ | 4             |          | +         | $\dashv$ | $\dashv$ | -                  | -         |          | _        | _        | _         |              |            |          | 95       | Ţ         | I         | I         | I        |              |              |          |          | J            |                | $\vdash$ | 14 |            | -         |              |              | H            |           | $\vdash$ |              | -            | +            | 1        |
| 1        | 4             |          | +         | $\dashv$ | +        | +                  | -+        | +        | $\dashv$ | $\dashv$ | -         | -            | ŀ          |          | 96       | +         | +         | $\perp$   | 1        | 1            | _[           | Ţ        | $\bot$   | I            |                |          | 14 |            |           |              |              |              | -         |          | Γ            |              |              | -        |
| -        | 41            |          | +         | +        | +        | $\dashv$           | $\dashv$  | +        | +        | -        | -         | -            | ŀ          |          | 97       | +         | +-        | +         | +        | $\downarrow$ | $\downarrow$ | 4        | 4        | 4            |                |          | 14 |            |           |              |              |              |           |          |              |              | -            | 1        |
| T        | 4             | 9        | +         | $\top$   | $\dashv$ | $\dashv$           | +         | $\dashv$ | +        | $\dashv$ | $\dashv$  | $\dashv$     | 1          |          | 9        | +         | +-        | +         | +        | +            | +            | +        | +        | +            |                | _        | 14 | -          | _]        | _            | $\Box$       | $\Box$       |           |          |              | L            | -            |          |
|          | 50            | 0        |           |          | I        |                    |           |          |          |          |           |              | t          |          | 00       | +-        | +         | +         | +        | +            | +            | +        | +        | +            | -              | -        | 14 |            | _         | 4            | _            | _            |           |          | '            | _            |              | -        |
|          |               |          |           |          |          |                    |           |          |          |          |           |              | -          |          |          |           | _         |           | _        |              |              |          |          |              |                | L        | 15 | <u>u l</u> |           | 1            | - 1          | ļ            |           |          |              |              |              |          |

) ) ::

If more than 150 claims or 10 actions staple additional sheet here

(LEFT INSIDE)